


Making process of 3D color object

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Abstract of CN1810492

The making process of 3D color object includes the following steps: the first establishing 3D solid model of the object in a computer and tomographing to obtain the forming information of all layers; spreading color water solution to a flat powder layer with printing nozzle under the control of computer to form first color ply; spreading powder on the first color ply and forming the second color ply similarly and adhering the second ply to the first ply to form one integral; and so on until the last ply to make the designed 3D object. The process is fast, reliable, safe and low in cost, and can make 3D color object with complicated shape. All the formed materials are non-toxic, so that the making process may be completed in office condition.

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